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Docket No. 292116US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Satoshi EBATA, et al.

SERIAL NO: 10/581,525

FILED: June 2, 2006

FOR: PROCESS FOR PRODUCING CYCLOOLIFEN ADDITION POLYMER



GAU:

EXAMINER:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

A handwritten signature in cursive script, appearing to read "Norman F. Oblon".

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Docket No. 292116US0PCT

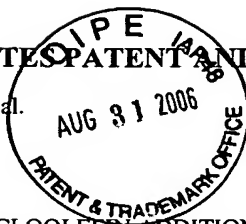
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

292116US0PCT

SERIAL NO.

10/581,525

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Satoshi EBATA, et al.

FILING DATE

June 2, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	7 015 293	03/21/2006	OSHIMA et al.			
	AB	6 790 914	09/14/2004	KANAMORI et al.			
	AC	6 844 403	01/18/2005	OSHIMA et al.			
	AD	6 992 154	01/31/2006	OSHIMA et al.			
	AE	6 911 507	06/28/2005	OHKITA et al.			
	AF	6 639 021	10/28/2003	OSHIMA et al.			
	AG	5 912 313	06/15/1999	MCINTOSH, III et al.			
	AH	6 031 058	02/29/2000	MCINTOSH, III et al.			
	AI	6 455 650	09/24/2002	LIPIAN et al.			
	AJ	3 330 815	07/11/1967	MCKEON et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AK	00 20472	04/13/2000	WO (English abstract only)		NO
	AL	2003 160620	06/03/2003	JP (English abstract only and equivalent of US 2003 119961)		NO
	AM	9 508649	09/02/1997	JP (with English abstract and equivalent of US 5 468 819, US 5 569 730, US 5 518 81, and US 5 741 869)		NO
	AN	2004 076495	09/10/2004	WO (English abstract only and equivalent of US 2004 229157)		NO
	AO	2002 327024	11/15/2002	JP (with English abstract and equivalent of US 6 639 021)		NO
	AP	2003 48918	02/21/2003	JP (with English abstract and equivalent of US 6 639 021)		NO
	AQ	5 262821	10/12/1993	JP (with English abstract and equivalent of US 5 629 398, US 5 648 443, and US 5 693 728)		NO
	AR	98 56839	12/17/1998	WO (equivalent of US 6 544 964)		NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AS	LIPIAN et al., "ADDITION POLYMERIZATION OF NORBORNENE-TYPE MONOMERS. HIGH ACTIVITY CATIONIC ALLYL PALLADIUM CATALYSTS", MACROMOLECULES, Vol. 35, pages 8969-8977, 2002	
	AT	MATHEW et al., "(N ³ -ALLYL) PALLADIUM (II) AND PALLADIUM (II) NITRILE CATALYSTS FOR THE ADDITION POLYMERIZATION OF NORBORNENE DERIVATIVES WITH FUNCTIONAL GROUPS", MACROMOLECULES, Vol. 29, pages 2755-2763, 1996	
	AU	REINMUTH et al., "(N ³ -ALLYL) PALLADIUM (II) CATALYSTS FOR THE ADDITION POLYMERIZATION OF NORBORNENE DERIVATIVES WITH FUNCTIONAL GROUPS", MACROMOL. RAPID COMMUN., Vol. 17, pages 173-180, 1996	
	AV	MELIA et al., "PD (II)-CATALYZED ADDITION POLYMERIZATIONS OF STRAINED POLYCYCLIC OLEFINS", MACROMOL. SYMP., Vol. 89, pages 433-442, 1995	
	AW	BERCHTOLD et al., "NICKEL(II) AND PALLADIUM(II) COMPLEXES WITH α -DIOXIME LIGANDS AS CATALYSTS FOR THE VINYL POLYMERIZATION OF NORBORNENE IN COMBINATION WITH METHYLALUMINOXANE, TRIS (PENTAFLUOROPHENYL)BORANE, OR TRIETHYLALUMINUM COCATALYST SYSTEMS", JOURNAL OF POLYMER SCIENCE: PART A: POLYMER CHEMISTRY, Vol. 40, pages 3604-3614, 2002	
	AX	HASELWANDER et al., "VINYLIC POLYMERIZATION OF NORBORNENE BY PD(II)-CATALYSIS IN THE PRESENCE OF ETHYLENE", MACROMOL. RAPID COMMUN., Vol. 18, pages 689-697, 1997	
	AY	HENNIS et al., "NOVEL, EFFICIENT, PALLADIUM-BASED SYSTEM FOR THE POLYMERIZATION OF NORBORNENE DERIVATIVES: SCOPE AND MECHANISM", ORGANOMETALLICS, Vol. 20, pages 2802-2812, 2001	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No: 10/581,525

Filed: June 2, 2006

Satoshi EBATA, et al.

Docket No. 292116 US

STATEMENT OF RELEVANCY

- 1) References AK-AN and AS have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AG-AJ, AO-AR and AT-AY are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.

	Docket No.: 292116US0PCT	Serial No.: 10/581,525
LIST OF RELATED CASES CITED BY APPLICANT UNDER 37 CFR 1.56	Inventor: Satoshi EBATA, et al.	
	Filing Date: June 2, 2006	Group:

LIST OF RELATED CASES

<u>Examiner Initial</u>	<u>Docket No.</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent App. Publication No.</u>	<u>Inventor or Applicant</u>
	292116US0PCT*	10/581,525	06/02/06		EBATA, et al.
	285118US0PCT	10/568,423	02/14/06		OSHIMA, et al.
	262312US0PCT	7,015,293	03/21/06		OSHIMA, et al.
	231247US0	6,790,914	09/14/04		KANAMORI, et al.
	228087US0DIV	6,844,403	01/18/05		OSHIMA, et al.
	260607US0DIV	6,992,154	01/31/06		OSHIMA, et al.
	237067US0PCT	6,911,507	06/28/05		OHKITA, et al.
	214509US0	6,639,021	10/28/03		OSHIMA, et al.

Examiner

Date Considered

*Present Application; listed for information
NFO/ach/kch